entire, conic, with very regular outlines. Whorls 12–13, convex, regularly increasing, furnished with small warts, becoming obsolete at the base of each whorl and disappearing on the two last ones and sculptured with fine incised spiral sulci more crowded towards the base of the shell. Suture impressed, canaliculate on the last volutions. Body whorl broadly oval, rounded, often more convex below its middle. Aperture oval, angular above, not much effuse nor oblique, scarcely sinuous, livid within. Columellar edge thick, regularly arched. Operculum as usual in the genus.

Long. 30, breadth 10, height of aperture 9 mill.

Island of Vate, New Hebrides (E. L. Layard).

This has been submitted for identification to Dr. A. Brot, the regretted author of many papers on *Melanians* and he wrote me that he received the same shell from Dr. W. D. Hartman under the erroneous name of *Melania mariei* Gass. He was unacquainted with the shell from Vate and thought it may prove to be an undescribed species, so that I venture to give a name to it, under Dr. Brot's undisputed authority.

Neritina coccinea Anc.

Shell solid, oblong, not shining, reddish-yellow, without markings, tinged with orange near the aperture, finely striated, not spirally sculptured, convex but not globose. Spire distinct, obtuse, lateral, entire, consisting of two whorls only, very rapidly increasing, the last one very large, transversely oval. Suture linear. Aperture oblique, with the superior edge long and elliptical connected with the basal by a large flat and thick callosity of a dull whitish or livid color. Margins not remote. Outer margin acute. Septal area without teeth. Operculum red, thin.

Diam. 6½, height 5, do. of aperture 4½ mill.

Island of Vate, New Hebrides (E. L. Layard).

This very pretty little species is quite different from any one I know of. It may perhaps be allied to Pease's *rubida*, from Tahiti, but is very much larger.

NEW AMERICAN UNIO.

BY WM. A. MARSH, ALEDO, MERCER CO., ILLINOIS.

Unio Askewi, new species.

Shell smooth, subrotund, somewhat inflated, inequilateral; sides slightly constricted, rounded before, subtruncate posteriorly, with

or without rays, rays obscured. Substance of the shell thick and solid; beaks small, with a few rather coarse, concentric undulations; ligament rather long and dark brown; epidermis reddish-brown; growth lines rather coarse and slightly raised; umbonial slope obtusely angular; posterior slope angular, with a raised ridge from beaks to posterior end, slightly biangulated; cardinal teeth large, erect, compressed and corrugate; lateral teeth short and slightly curved; anterior cicatrices distinct and deep; posterior cicatrices distinct; cavity of the shell deep; cavity of the beaks moderately deep; nacre white or rose-color; soft parts unknown.

Habitat: Village Creek, Hardin Co., Texas; Sabine River, Texas.

This shell seems to be between *U. beadleianus* Lea and *U. chickasawhensis* Lea, and bears some resemblance to *U. chunii* Lea. It is more triangular than *U. beadleianus,* and more solid, with a different epidermis and teeth; it is much more inflated and more angular posteriorly than *chickasawhensis*, and it differs in being less heavy in the beaks and in the outline of the shell.

One specimen was received many years ago from Mr. A. G. Wetherby, from Village Creek, Hardin Co., Texas, and many specimens, lately, from Mr. H. G. Askew, of Austin, Texas, who is an earnest worker in this family of shells, and in whose honor I name this shell.

ISAAC LEA DEPARTMENT.

[Conducted in the interest of the Isaac Lea Conchological Chapter of the Agassiz Association by its General Secretary, Mrs. M. Burton Williamson.]

Kindly bear in mind the fact that this is the month when our reports are due, also annual dues and election of officers, as noted in the November issue of THE NAUTILUS. The tardiness of some of our members in reporting last year delayed the issue of our volume of Transactions. Some of our members are always prompt in reporting, and the General Secretary appreciates their readiness to *conform with the rules of the Chapter.*

[From the report of Miss Nelson. From the Transactions of the Isaac Lea Conchological Chapter for 1895.]

My interest in shells dates as far back as I can remember, when my brother and I played on the banks of the stream at our old